



associated
earth sciences
incorporated

November 9, 2021
Project No. 20180522E002

Issaquah School District
5150 220th Avenue SE
Issaquah, Washington 98029

Attention: Ladd Stejskal

Subject: Geotechnical Special Inspection Completion Letter
Issaquah Middle School No. 6
Permit BLD20-00012
1929 NW Talus Drive
Issaquah, Washington

As requested, this letter summarizes our construction phase geotechnical engineering services for the referenced permit. Our participation on this project included completion of subsurface explorations, preparation of design phase geotechnical engineering reports, and completion of on-call site visits to observe geotechnical engineering aspects of construction phase work. This completion letter addresses only the referenced permit and is one of several completion letters that will be prepared during project closeout.

Summary of Services

Associated Earth Sciences, Inc. (AESI) completed 55 site visits related to the referenced permit between November 25, 2019 and October 07, 2020. Site visits were made on an on-call basis at the request of the contractor. Each site visit was documented by a Daily Field Report. Daily Field Reports were distributed to the owner, design team, contractor, and City at the time they were completed. Following is a summary of geotechnical special inspection items assigned to AESI under the above-referenced permit, along with numbers of previously distributed AESI Daily Field Reports in which each item was discussed.

- Erosion Control - Temporary (Field Reports: TESC 1-99, ongoing)
- Observe and Monitor Excavation (Field Report: 134)
- Observe and Monitor Shoring Installation (Field Reports listed below for individual elements.)
- Soldier Pile Wall Installation (Field Reports: 41-44, 48, 49, 55, 63-66, 78, 79)
- Tie-Back Installation and Testing (Field Reports: 51, 52, 55, 56, 58, 59, 62-64, 66, 69, 70, 71, 73, 74, 77, 79-88, 90-94, 99, 100, 103, 109, 110, 112-114, 116, 117, 120-128, 130, 133, 135, 136)
- Subsurface Drainage Installation (Field Report: 146)
- Groundwater Monitoring/Dewatering (Field Reports: 16, 31)

- Verify Structural Fill and Compaction (Field Reports: 66, 81, 82)
- Observe and Monitor Temporary Shoring (Biweekly optical survey monitoring began when monitoring points were added to piles as they were installed. Monitoring of Wall 10 was discontinued in October 2020 after Wall 10 was complete, when monitoring points were concealed by ongoing construction. Optical survey monitoring measurements were taken by the contractor and reviewed by AESI and the wall designer on a biweekly basis.)

We are not aware of any geotechnical engineering aspects of the referenced permit that are incomplete or in need of correction. To the best of our knowledge the geotechnical engineering aspects of the referenced permit were completed in accordance with our recommendations and with approved plans.

Closure

It has been our pleasure to be of continued service. If you have any questions, please do not hesitate to call.

Sincerely,

ASSOCIATED EARTH SCIENCES, INC.
Kirkland, Washington



Bruce Guenzler

Bruce W. Guenzler, L.G., L.E.G.
Senior Associate Geologist

Kurt D. Merriman, P.E.
Senior Principal Engineer